

REMARKS/ARGUMENTS

In the Office action dated June 3, 2005, claims 1 – 20 were rejected. In response, Applicants have amended claims 1, 4, 6, 11, 12, 14, 15, and 19. Applicants hereby request reconsideration of the application in view of the amended claims and the below-provided remarks.

Claims 1 – 14 were rejected under 35 U.S.C. 102(b) as being anticipated by Stam et al. (U.S. Patent Publication No. 2002/0047624, hereinafter Stam) and claims 15 – 20 were rejected under 35 U.S.C. 103(a) as being unpatentable over Stam in view of Berg-Johansen (U.S. Patent Publication No. 2003/0214242)

Claim 1

Claim 1 has been amended to specify that the light system is driven to output white light. Claim 1 now recites a light system that includes:

“a light source that includes at least one white light emitting diode (LED) and multiple color LEDs; and
a spectral feedback control system configured to drive the light source to output white light, to detect the white light that is output from the light source, and to adjust the white light that is output from the light source in response to the light detection.”
(emphasis added)

Applicants assert that claim 1 is not anticipated by Stam because Stam does not disclose a system that utilizes a combination of at least one **white LED** and multiple color LEDs to generate white light.

Stam discloses at [0025] “a lamp assembly 100 that includes a plurality of light emitting diodes (LEDs)” and that “[e]ach LED may be a unique color.” (emphasis added) In the “Summary of the Invention,” Stam discloses that “[e]ach of the plurality of light sources are coupled to the processor and produce a different primary color.” (emphasis added) At paragraphs [0005 – 0007] and [0046 – 0048] and Figs. 1, 7, 8, and 9, Stam discloses two combinations of color LEDs that are used to generate white light:

- 1) amber and blue-green LEDs; and
- 2) red, green, and blue LEDs.

While Stam clearly discloses a lamp assembly that uses a combination of color LEDs to generate white light, nowhere does Stam disclose a lamp assembly that uses a combination of at least one white LED and multiple color LEDs to generate white light. In the "Background of the Invention" of Stam, at paragraph [0003] Stam discloses that phosphor-converted white LEDs can be used to generate white light and at paragraph [0004] Stam discloses many of the drawbacks to using phosphor-converted white LEDs to generate white light. Although Stam discloses using phosphor-converted white LEDs as one way to generate white light, nowhere does Stam disclose using a combination of at least one white LED and multiple color LEDs to generate white light.

A claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference. [MPEP 2131] The standard for anticipation is further defined in *Richarson v. Suzuki Motor Co.*, 868 F.2d 1226, 1236, 9 USPQ2d 1913, 1920 (Fed. Cir. 1989) [MPEP 2131] as "the identical invention must be shown in as complete detail as is contained in the ...claim." Applicants assert that although Stam discloses using a combination of color LEDs to generate white light, nowhere does Stam disclose using a combination of at least one white LED and multiple color LEDs to generate white light as recited in claim 1. Because Stam does not disclose using a combination of at least one white LED and multiple color LEDs to generate white as recited in claim 1, claim 1 is not anticipated by Stam.

Claims 2 – 10

Claims 2 – 10 depend from independent claim 1. Applicants assert that claims 2 – 10 are allowable at least based on an allowable claim 1.

Claim 3

Claim 3 further identifies the at least one white LED as a phosphor-converted white LED. As with claim 1, Applicants assert that Stam does not disclose using a combination of at least one phosphor-converted white LED and multiple color LEDs to generate white light.

Claims 4 and 6

Claim 4 has been amended to change "colored" to "color" as used throughout the specification. Claim 6 has been amended to change "colored" to "color" as used throughout the specification and to add the term "white" in front of light to correspond to the amendment of claim 1.

Independent claim 11

Independent claim 11 is similar to the combination of claims 1 and 3. Because of the similarities, Applicants assert that the remarks provided above with reference to claims 1 and 3 apply also to claim 11.

Dependent claims 12 – 14

Claims 12 – 14 depend from independent claim 11. Applicants assert that the dependent claims are allowable based on an allowable claim 11. Claims 12 and 14 have been amended to add the term "white" in front of light to correspond to the amendment of claim 11.

Independent claim 15

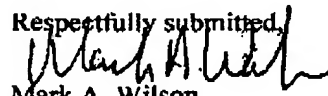
Independent claim 15 is similar to the combination of claims 1 and 3 except that it includes an LCD panel. Claim 15 is rejected as being obvious from Stam in view of Berg-johansen. Because of the similarities between claim 15 and claims 1 and 3, the remarks provided above with reference to claims 1 and 3 apply also to claim 15. Applicants assert that claim 15 is not rendered obvious because Stam and Berg-johansen fail to teach or suggest using a combination of at least one white LED and multiple color LEDs to generate white light as recited in claim 15.

Dependent claims 16 – 20

Claims 16 – 20 depend from independent claim 15. Applicants assert that the dependent claims are allowable based on an allowable claim 15. Claim 19 has been amended to add the term "white" in front of light to correspond to the amendment of claim 15.

Applicants respectfully request reconsideration of the claims in view of the remarks made herein. A notice of allowance is earnestly solicited.

Respectfully submitted,



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